

REMARKS/ARGUMENTS

Claim 1 has been amended to recite that the computer-implemented method automatically performs the steps of creating a first user data model for the link table, and automatically substituting the foreign key attribute with a different, arbitrarily selected attribute from the other table. No new matter is added.

To elaborate further, claim 1 has been amended to recite that the foreign key attribute in the first user data model is automatically substituted by an arbitrarily selected attribute from the other table prior to being used to generate a dereferenced table. Thus, as recited in amended claim 1, in the dereferenced table, the displayed content of this arbitrarily selected attribute is different from the value of the foreign key attribute that it replaces (see amended claim 1 and for support, see specification on page 26, lines 19-23; also compare the dereferenced table of Fig. 13 versus the original table 1000 of Fig. 10).

It is respectfully submitted that without the ability to automatically generate the user data model in the manner claimed in amended claim 1, automatic dereferencing cannot be easily accomplished. Furthermore, as stated in the specification, one of the difficulties of automatically dereferencing the content of the link table is to ascertain which attribute of the related table a particular foreign key refers to (see specification page 25, lines 9-11). The invention of amended claim 1 solves this by automatically substituting the foreign key attribute in the first user data model with an arbitrarily selected attribute from the other table, thereby allowing automatic dereferencing to take place. Accordingly, in the dereferenced table, the value associated with the foreign attribute (which identifies the record) is automatically replaced with the content associated with the arbitrarily selected attribute from the same record in the other table.

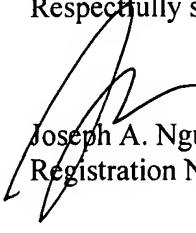
It is also respectfully submitted that Jorgensen (USP 5,933,831) neither discloses nor suggests these features, each alone or in combination with each others and/or in combination with other limitations of amended claim 1. It is respectfully submitted therefore that amended claim 1 is allowable.

Claims 3 and 4 have been amended to reflect their proper dependence status since claim 2 has been canceled. It is respectfully submitted that these amended claims, in addition to being allowable for their recitation of their own patentable features in the manner claimed, are also patentable due to their dependence from amended claim 1

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Reply to Office Action dated March 3rd, 2003

In view of the amendments and remarks herein, it is respectfully submitted that all pending claims are allowable and a Notice of Allowance is respectfully solicited. The Commissioner is authorized to charge any fees or credit any over-payments that may apply to our Deposit Account No. 50-2284 (Order No. AMPSP003).

Respectfully submitted,



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